



FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE INFORMATION DISCLOSURE STATEMENT BY APPLICANT (Use several sheets if necessary)	ATTY. DOCKET NO. I-2-0203.3US	SERIAL NO. 10/085,288 14/085 187 DR 24/07
	APPLICANT Joseph A. Kwak	
	FILING DATE February 27, 2002	GROUP 2662

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR	4,912,705	03/1990	Paneth et al.			
	5,101,406	03/1992	Messenger			
	5,280,498	01/1994	Tymes et al.			
	5,345,439	09/1994	Marston			
	5,345,600	09/1994	Davidson			
	5,351,016	09/1994	Dent			
	5,544,196	08/1996	Tiedemann, Jr. et al.			
	5,570,369	10/1996	Jokinen			
	5,648,969	07/1997	Pasternak et al.			
	5,657,325	08/1997	Lou et al.			
	5,715,260	02/1998	Black et al.			
	5,729,557	03/1998	Gardner et al.			
	5,828,677	10/1998	Sayeed et al.			
	5,838,267	11/1998	Wang et al.			
	5,918,156	06/1999	Tanabe			
	5,946,320	08/1999	Decker			
	5,956,624	09/1999	Hunsinger et al.			
	5,982,760	11/1999	Chen			
	5,983,382	11/1999	Pauls			
	5,983,383	11/1999	Wolf			
	5,983,384	11/1999	Ross			
	6,021,124	02/2000	Haartsen			
	6,049,549	04/2000	Ganz et al.			
	6,064,692	05/2000	Chow			
	6,128,276	10/2000	Agee			
DR	6,130,918	10/2000	Humphrey et al			

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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				APPLICANT Joseph A. Kwak			
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR		6,134,694	10/2000	Uebayashi et al.			
		6,138,260	10/2000	Ketseoglou			
		6,145,108	11/2000	Ketseoglou			
		6,154,489	11/2000	Kleider et al.			
		6,189,123	02/2001	Anders Nystrom et al.			
		6,208,663	03/2001	Schramm et al.			
		6,212,240	04/2001	Scheibel, Jr. et al.			
		6,212,659	04/2001	Zehavi			
		6,233,711	05/2001	Murayama et al.			
		6,262,994	07/2001	Dirschedl et al.			
		6,272,183	08/2001	Berens et al.			
		6,275,488	08/2001	Cudak et al.			
		6,289,003	09/2001	Raitola et al.			
		6,308,294	10/2001	Ghosh et al.			
		6,317,418	11/2001	Raitola et al.			
		6,359,877	03/2002	Rathonyi et al.			
		2002/0037058	03/2002	Birru			
		6,366,601	04/2002	Ghosh et al.			
		6,370,669	04/2002	Eroz et al.			
		2002/0064167	05/2002	Khan et al.			
		6,449,246	09/2002	Barton et al.			
		6,470,391	10/2002	Takamoto et al.			
		2002/0191544	12/2002	Cheng et al.			
		6,522,650	02/2003	Yonge et al.			
DR		2003/0039226	02/2003	Kwak			

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	FILING DATE February 27, 2002	GROUP 2662

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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
DR		6,529,561	03/2003	Sipola			
		6,587,985	07/2003	Fukushima et al.			
		6,647,076	11/2003	Schenk et al.			
		6,735,180	05/2004	Malkamaki et al.			
		6,760,860	07/2004	Fong et al.			
		6,931,569	08/2005	Fong et al.			
DR		2002/0034182	02/2002	Mallory			

FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
							YES	NO
		1275279	02/1999	CN ¹			X	
DR		1277766	12/2000	CN ²				X
		1132772	01/2004	CN				
		07-336331	12/2005	JP			X**	
		2000-507777	06/2000	JP				X
		2001-103034	04/2001	JP			X**	
DR		2003/0004618	01/2003	KR				X
		97118086	07/1999	RU				X
		2179370	02/2002	RU				X
		2195768	12/2002	RU				X
		2195089	12/2002	RU				
		2001126714	07/2003	RU				X
		2210864	08/2003	RU				
		2002101733	08/2003	RU				

¹ corresponds to WO 99/09698 ² corresponds to WO 99/12303

** Abstract Only

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FOREIGN PATENT DOCUMENTS									
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
		2221338	01/2004	RU			YES	NO	
		2221339	01/2004	RU					X
		2235432	08/2004	RU					X
DR	•	0797327	09/1997	EP					
DR	•	0859475	08/1998	EP					
OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)									
DR		"Hybrid ARQ Methods for FDD in Release in 2000," TSG-RAN Working Group 1 Meeting #14, Oulu, Finland, July 4-7, 2000.							
DR		"Physical Layer Aspects of UTRA High Speed Downlink Packet Access," 3GPP TR 25.848 V4.0.0 (2001-03), pp. 1-89.							
		Rohling, Hermann et al. "Performance Comparison of Different Multiple Access Schemes for the Downlink of an OFDM Communication System", 1997 IEEE 47 th Vehicular Technology Conference, May 1997, vol. 3, p. 1368.							
DR		3GPP TR 25.848 V4.0.0 (2001-03), 3 rd Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer aspects of UTRA High Speed Downlink Packet Access (Release 4), p. 50.							
DR	•	Eriksson et al. "Comparison of Link Quality Control Strategies for Packet Data Services in EDGE." Vehicular Technology Conference, 1999 IEEE. May 16, 1999, pp. 938-942.							
DR	•	Sayeed, "Throughput Analysis and Design of Fixed and Adaptive ARQ/Diversity Systems for Slow Fading Channels." Global Telecommunications Conference, 1998. November 8, 1998, pp. 3686-3691.							
DR	•	Shiozaki et al. "A Hybrid ARQ Scheme With Adaptive Forward Error Correction for Satellite Communications." IEEE Transactions on Communications, April 1, 1991, pp. 482-484.							
DR	•	Bakhtiyari et al. "Practical Implementation of a Mobile Data Link Protocol With A Type II Hybrid ARQ Scheme and Code Combining." Personal Communication - Freedom Through Wireless Technology. Proceedings of the Vehicular Technology Conference, May 18, 1993, pp. 774-777.							
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